

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/DK 2003/000802

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: F15B 3/00**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: F04B, F15B**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI DATA, PAJ**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|-----------|--|-----------------------|
| A         | WO 8607118 A1 (SILVA, ETHAN), 4 December 1986<br>(04.12.1986), figures 1,2<br>--   | 1-9                   |
| A         | US 2991130 A (A.C. SAMPIETRO), 4 July 1961<br>(04.07.1961), figure 2<br>--   | 1-9                   |
| A         | US 5170691 A (BAATRUP), 15 December 1992<br>(15.12.1992), column 1, line 1 - column 2, line 32,<br>figures 1-3, claim 1<br>--<br>----- | 1-9                   |
|           |  |                       |

 Further documents are listed in the continuation of Box C. See patent family annex.

|   |  |
|---|--|
| * Special categories of cited documents:  |  |
| "A" document defining the general state of the art which is not considered to be of particular relevance  | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  |
| "E" earlier application or patent but published on or after the international filing date   | "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone   |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "O" document referring to an oral disclosure, use, exhibition or other means  | "&" document member of the same patent family  |
| "P" document published prior to the international filing date but later than the priority date claimed  |  |

Date of the actual completion of the international search

10 February 2004

Date of mailing of the international search report

17-02-2004

Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. + 46 8 666 02 86

Authorized officer

Lena Nilsson / JA A  
Telephone No. + 46 8 782 25 00

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/DK 2003/000802

|    |         |    |            |    |          |   |            |
|----|---------|----|------------|----|----------|---|------------|
| WO | 8607118 | A1 | 04/12/1986 | AU | 5908586  | A | 24/12/1986 |
|    |         |    |            | CN | 1006492  | B | 17/01/1990 |
|    |         |    |            | CN | 86104193 | A | 11/02/1987 |
|    |         |    |            | EP | 0222007  | A | 20/05/1987 |
|    |         |    |            | US | 4627794  | A | 09/12/1986 |

---

|    |         |   |            |      |  |  |
|----|---------|---|------------|------|--|--|
| US | 2991130 | A | 04/07/1961 | NONE |  |  |
|----|---------|---|------------|------|--|--|

---

|    |         |   |            |    |         |   |            |
|----|---------|---|------------|----|---------|---|------------|
| US | 5170691 | A | 15/12/1992 | DE | 4026005 | A | 21/02/1991 |
|    |         |   |            | DK | 171121  | B | 17/06/1996 |
|    |         |   |            | DK | 399589  | A | 16/02/1991 |

---